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| PROJECT # | SDC0840000 |
| DEPARTMENT | Public Works |
| DEPARTMENT CONTACT | Rod Steitzer |

| DESCRIPTION/JUSTIFICATION |
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| Rehabilitate approximately 3,050 linear feet of failing 36-inch and 24-inch diameter concrete storm pipe (joint separated) within Market Street from Central Way to 12th Avenue. Rehabilitation will be accomplished via slipping the 1,200 feet of 36-inch diameter concrete pipe from Central Way to 6th Ave with 24-inch diameter pipe and the 1,850 feet of 24-inch diameter concrete pipe from 6th Ave to 12th Ave with 20-inch diameter pipe. The annular space between the pipe diameters will be grouted. The length of 36-inch diameter pipe includes six manholes that will be rehabilitated and nine laterals to be reconnected. The 24-inch diameter pipe also includes six manholes to be rehabilitated and nine laterals to be reconnected. The cost estimate was based on linear foot costs prepared by Buno Construction in 2009 and have been adjusted for 2018 costs. The project engineering/design and inspection cost estimate is lower as a percentage of construction costs than typical capital projects due to the performance specification aspect of sliplining projects. |

Total project costs changed from \$885,000 to \$1,185,400 due to updated and escalated cost estimate.

[illegible]

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2019 TO 2024**

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|---------------------------|-------------------|
| PROJECT # | SDC0840000 |
| DEPARTMENT | Public Works |
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| PROJECT TITLE | MARKET STREET STORM MAIN REHABILITATION |
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| CRITERIA | PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY) |
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| Amount of public disruption and inconvenience caused | <i>Minimal</i> |
| Community economic impacts | <i>None anticipated.</i> |
| Health and safety, environmental, aesthetic, or social effects | <i>Improvements to surface water quality will have a significantly positive environmental effect.</i> |
| Responds to an urgent need or opportunity | <i>This project provides the opportunity to show the public what environmental improvements we are doing with our own projects.</i> |
| Feasibility, including public support and project readiness | <i>During the design development, community involvement will be addressed. This project does not present significant engineering issues. Permitting and environmental issues will be addressed during design.</i> |
| Conforms to legal or contractual obligations | <i>Projects will be designed and constructed per professional and legal guidelines.</i> |
| Responds to state and/or federal mandate | <i>Supports City National Pollutant Discharge Elimination System (NPDES) Phase II permit compliance.</i> |
| Benefits to other capital projects | <i>N/A</i> |
| Implications of deferring the project | <i>Continued degradation of surface water.</i> |
| CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN | <p>Name of Neighborhood(s) in which located: <i>Market</i></p> <p>Is there a specific reference to this project or land use in the immediate vicinity? <i>No</i></p> <p>How does the project conform to such references?</p> <p>Attachments <input type="checkbox"/> (Specify)</p> |
| LEVEL OF SERVICE IMPACT | <p><input checked="" type="checkbox"/> Project provides no new capacity (repair, replacement or renovation).</p> <p><input type="checkbox"/> Project provides new capacity. Amount of new capacity provided:</p> <p><input type="checkbox"/> Project assists in meeting/maintaining adopted level of service.</p> <p><input type="checkbox"/> Project required to meet concurrency standards.</p> |